

24. (currently amended) A coupler comprising:

- a) an input port, a coupled port, an output port and a terminated port;
- b) a resistor connected to the terminated port;
- c) a capacitor connected to the terminated port;
- d) a low temperature co-fired ceramic substrate having a plurality of layers, the resistor formed on a first layer and the capacitor being formed on the substrate; and
- e) a transformer attached to the substrate and electrically connected to the ports;
- f) an overglaze located over the resistor for protecting the resistor; and
- g) a plurality of vias extending through the substrate for providing an electrical connection between the transformer, the resistor, the capacitor and the ports.

25. – 27. (canceled).

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28. (original) The coupler according to claim ~~26~~ ²⁴ wherein the capacitor is formed on a second layer.

29. (currently amended) The coupler according to claim ~~26~~ ²⁴ wherein a ground plane is formed on a third layer.

30. (currently amended) The coupler according to claim ~~27~~ ²⁴ wherein the transformer is electrically attached to a plurality of upper terminals on the first layer.